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Mo Oil & Gas Council

FORM OGC-31

MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

INJECTION WELL PERMIT APPLICATION

(TO DRILL, DEEPEN, PLUG BACK, OR CONVERT AN EXISTING WELL)

NOTE ▸ Permit approval for drilling only, not injection. Approval or denial for injection determined after Mechanical Integrity Test results reviewed and official notification given.

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☐ CONVERSION

NAME OF COMPANY OR OPERATOR			DATE
Town Oil Company, Inc.			8-3-10
ADDRESS	CITY	STATE	ZIP CODE
16205 West 287th St.	Paola	Kansas	66071

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE	WELL NUMBER	ELEVATION (GROUND)
Dunmire	6W	925

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 763 FT. FROM (N) (S) SEC. LINE 407 FT. FROM (E) (W) SEC. LINE

WELL LOCATION SECTION	TOWNSHIP	RANGE	LATITUDE	LONGITUDE	COUNTY
8	43N	33W			Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 405 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED – FOR WELL ON THE SAME LEASE 273 FEET

PROPOSED DEPTH	ROTARY OR CABLE TOOLS	DRILLING CONTRACTOR, NAME AND ADDRESS	APPROX. DATE WORK WILL START
300	Rotary	Company Tools	8-9-10

NUMBER OF ACRES IN LEASE 80

NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 14

NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
NAME
ADDRESS

NO. OF WELLS: PRODUCING ___ INJECTION ___ INACTIVE ___ ABANDONED ___

STATUS OF BOND ☐ SINGLE WELL AMOUNT $ ___ ☒ BLANKET BOND AMOUNT $ 80,000 ☒ ON FILE ☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE: USE BACK OF FORM IF NEEDED.)

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	AMT. OF CEM.	AMOUNT	SIZE	WT/FT	AMT. OF CEM.
20'	6 1/4	14	3 sx				
300'	2 7/8	6.5	42 sx				

I, the undersigned, state that I am the President of the Town Oil Company, Inc. (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE Lester Town DATE 8-3-10

PERMIT NUMBER 20841

APPROVED DATE 8-18-10

APPROVED BY Joseph A. Dillman

☒ DRILLER'S LOG REQUIRED
☒ CORE ANALYSIS REQUIRED IF RUN
☐ SAMPLES REQUIRED
☒ SAMPLES NOT REQUIRED
☐ WATER SAMPLES REQUIRED AT
☒ E-LOGS REQUIRED IF RUN
☒ DRILL SYSTEM TEST INFO. REQUIRED IF RUN

NOTE ▸ THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION. APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITEE.

MO 780-0212 (6-08) REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM, P.O. BOX 250, ROLLA, MO 65402, (573) 368-2143
ONE (1) COPY WILL BE RETURNED

ENTERED AUG 2 8 2010

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#20841

I Winton Town of the Town Oil

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Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized Council representative.

AUG 05 2010

Mo Oil & Gas Council

DRILLER'S SIGNATURE	DATE
Winton Town	8-3-10

PROPOSED OPERATIONS DATA

PROPOSED AVERAGE DAILY INJECTION,	PRESSURE 280 PSIG,	RATE 20 BPD/GPM,	VOLUME ____ BBL/GAL	
APPROVED AVERAGE DAILY INJECTION, (TO BE FILLED IN BY STATE GEOLOGIST).	PRESSURE 280 PSIG,	RATE 20 BPD/GPM,	VOLUME ____ BBL/GAL	
PROPOSED MAXIMUM DAILY INJECTION,	PRESSURE 350 PSIG,	RATE 30 BPD/GPM,	VOLUME ____ BBL/GAL	
APPROVED MAXIMUM DAILY INJECTION, (TO BE FILLED IN BY STATE GEOLOGIST).	PRESSURE 350 PSIG,	RATE 30 BPD/GPM,	VOLUME ____ BBL/GAL	

ESTIMATED FRACTURE PRESSURE GRADIENT OF INJECTION ZONE ____ PSI/FOOT

DESCRIBE THE SOURCE OF THE INJECTION FLUID

NOTE ▶ SUBMIT AN APPROPRIATE ANALYSIS OF THE INJECTION FLUID. (SUBMIT ON SEPARATE SHEET)

DESCRIBE THE COMPATIBILITY OF THE PROPOSED INJECTED FLUID WITH THAT OF THE RECEIVING FORMATIONS, INCLUDING TOTAL DISSOLVED SOLIDS COMPARISONS.

The injected fluid is a blend of clean produced salt water from another Peru (Warrensburg) field which blends well with the produced water from the Dunmire Lease.

GIVE AN ACCURATE DESCRIPTION OF THE INJECTION ZONE INCLUDING LITHOLOGIC DESCRIPTIONS, GEOLOGIC NAME, THICKNESS, DEPTH, POROSITY, AND PERMEABILITY.

The producing formation is the Peru (Warrensburg) averaging 8 feet to 10 feet in thickness; composition is a sandy lime. No core analysis available.

GIVE AN ACCURATE DESCRIPTION OF THE CONFINING ZONES INCLUDING LITHOLOGIC DESCRIPTION, GEOLOGIC NAME, THICKNESS, DEPTH, POROSITY, AND PERMEABILITY.

The producing formation is layered between two layers of grey shale.

SUBMIT ALL AVAILABLE LOGGING AND TESTING DATA ON THE WELL

GIVE A DETAILED DESCRIPTION OF ANY WELL NEEDING CORRECTIVE ACTION WHICH PENETRATES THE INJECTION ZONE IN THE AREA OF REVIEW (¼ MILE RADIUS AROUND WELL). INCLUDE THE REASON FOR AND PROPOSED CORRECTIVE ACTION.

None

MO 780-0212 (6-05)

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

RECEIVED FORM OGC-4

AUG 05 2010

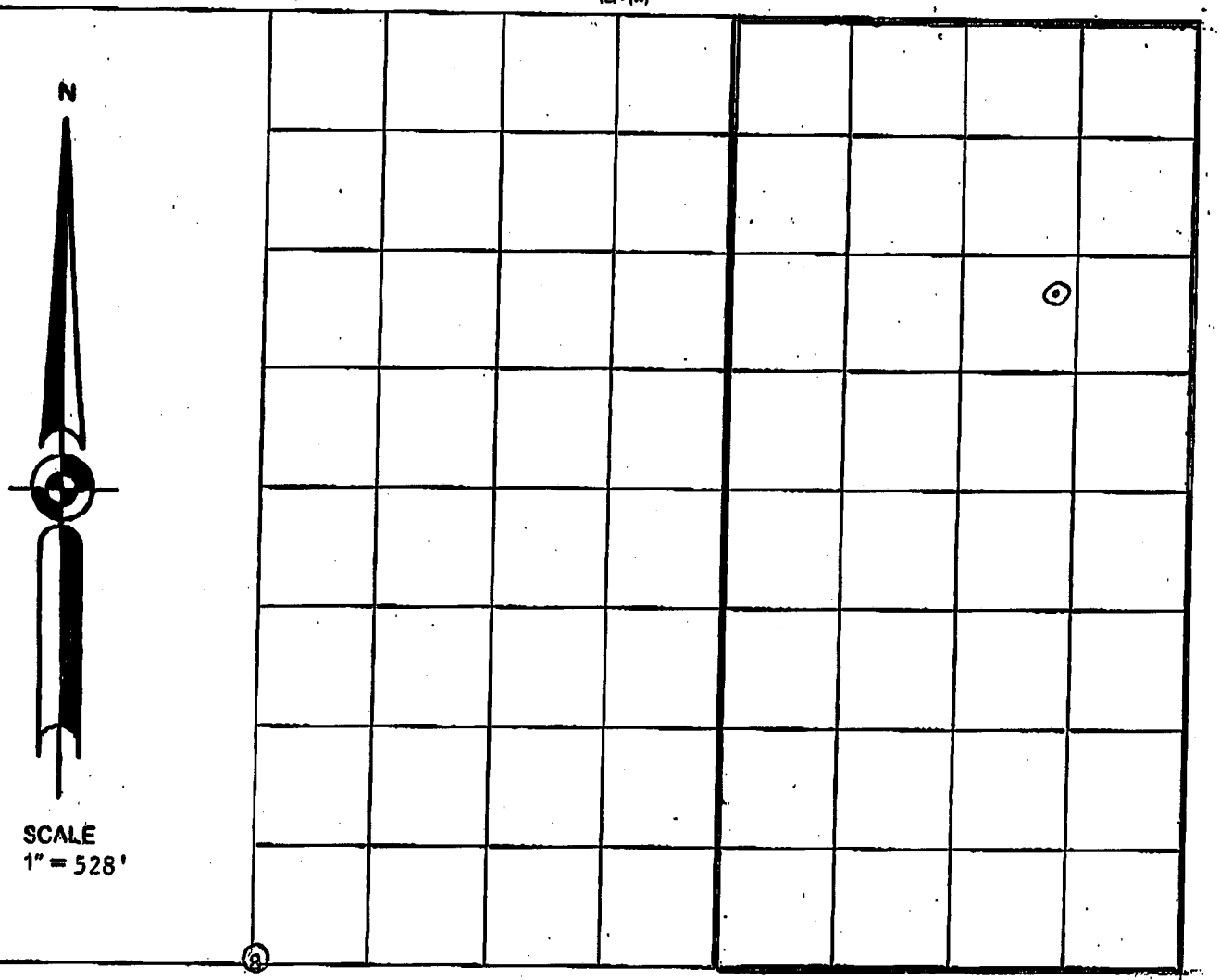
Mo Oil & Gas Council

OWNER: Town Oil Company

LEASE NAME: Dunmire 6W #20841

COUNTY: Cass

763 FEET FROM North (N) - (S) SECTION LINE AND 407 FEET FROM East (E) - (W) SECTION LINE OF SEC. 8, TWP 43 N, RANGE 33W



REMARKS

Center of Section 8

Note: Map is NE/4 of Section 8

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

(SEAL)

REMIT TWO (2) COPIES TO:
MISSOURI OIL AND GAS COUNCIL
P.O. BOX 250, ROLLA, MO 65401

REGISTERED LAND SURVEYOR

NUMBER

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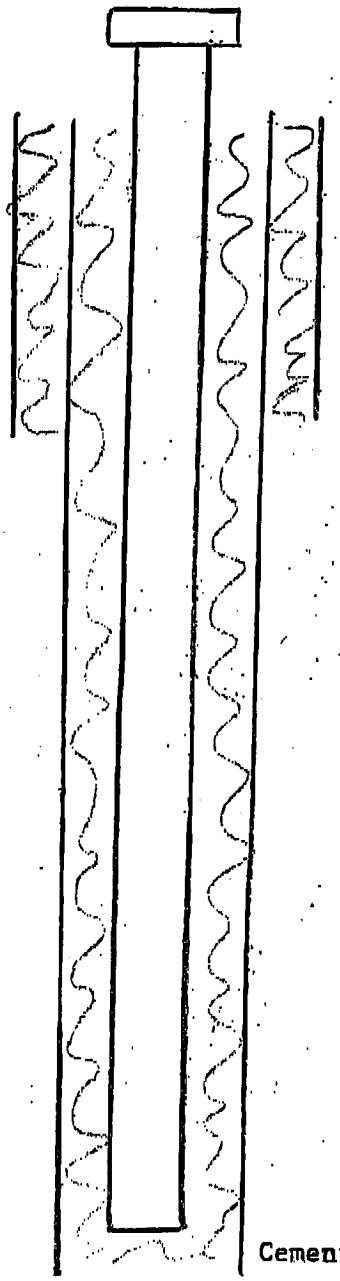
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

INJECTION WELL SCHEMATIC

OGC-11

COUNTY	PERMIT NUMBER	OPERATOR	WELL NUMBER
Cass	# 20841	Mo Oil & Gas Council Town Oil Company, Inc.	Dunmire 6W



20' of 6 1/4"

Cement from surface to TD

INSTRUCTIONS ON THE ABOVE SPACE DRAW A NEAT, ACCURATE SCHEMATIC DIAGRAM OF THE APPLICANT INJECTION WELL, INCLUDING THE FOLLOWING: CONFIGURATION OF WELL HEAD, TOTAL DEPTH OR PLUG BACK TOTAL DEPTH, DEPTH OF ALL INJECTION OR DISPOSAL INTERVALS, AND THEIR FORMATION NAMES, LITHOLOGY OF ALL FORMATIONS PENETRATED, DEPTHS OF THE TOPS AND BOTTOMS OF ALL CASING AND TUBING, SIZE AND GRADE OF ALL CASING AND TUBING, AND THE TYPE AND DEPTH OF PACKER, DEPTH, LOCATION, AND TYPE OF ALL CEMENT, DEPTH OF ALL PERFORATIONS AND SQUEEZE JOBS, AND GEOLOGIC NAME AND DEPTH TO BOTTOM OF ALL UNDERGROUND SOURCES OF DRINKING WATER WHICH MAY BE AFFECTED BY THE INJECTION. USE BACK IF ADDITIONAL SPACE IS NEEDED, OR ATTACH SHEET.

MO 780-0221 (8-08)

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

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WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

OK

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☒ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ OIL ☐ GAS ☐ DRY

OWNER: Town Oil Company, Inc.	ADDRESS: 16205 West 287th St. Paola, KS. 66071
LEASE NAME: Dunmire	WELL NUMBER: 6W
LOCATION OF WELL SEC. - TWP. - RNG. OR BLOCK AND SURVEY: 763'FNL 407'FSL Sec.8-43N-33W	LATITUDE / LONGITUDE

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COUNTY: Cass	PERMIT NUMBER (OGC-3 OR OGC-3I): 20841			
DATE SPUDDED: 8-18-10	DATE TOTAL DEPTH REACHED: 8-19-10	DATE COMPLETED READY TO PRODUCE OR INJECT: 11-16-10	ELEVATION (DF, RKR, RT, OR Gr.) FEET	ELEVATION OF CASING HD. FLANGE FEET
TOTAL DEPTH: 271'	PLUG BACK TOTAL DEPTH			

PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION: 228'-238'	ROTARY TOOLS USED (INTERVAL): 0 TO TD; DRILLING FLUID USED: Air		CABLE TOOLS USED (INTERVAL)
WAS THIS WELL DIRECTIONALLY DRILLED? N/A	WAS DIRECTIONAL SURVEY MADE? N/A	WAS COPY OF DIRECTIONAL SURVEY FILED? No	DATE FILED: N/A
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST): GAMMA RAY NEUTRON COMPLETION LOG			DATE FILED: 10-7-10

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	9	6¼"		20'	3 sx	
Completion	5¼	2 3/8" 8rd upset		259.9'	41 sx 50/50PozMix 2%Gel	

TUBING RECORD

SIZE IN.	DEPTH SET FEET	PACKER SET AT FEET

LINER RECORD

SIZE INCH	TOP FEET	BOTTOM FEET	SACKS CEMENT	SCREEN FEET

PERFORATION RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL
4	1-9/16"RTG-DML	228-238

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
perforating gun	228-238

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION: 11-16-10	PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING – IF PUMPING, SHOW SIZE AND TYPE OF PUMP.): N/A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST bbls.	GAS PRODUCED DURING TEST MCF	WATER PRODUCED DURING TEST bbls.	OIL GRAVITY API (CORR.)
N/A	N/A	N/A	N/A	N/A		

TUBING PRESSURE	CASING PRESSURE	CAL'TED RATE OF PRODUCTION PER 24 HOURS	OIL bbls.	GAS MCF	WATER bbls.	GAS OIL RATIO
N/A	N/A	N/A				

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD): N/A

METHOD OF DISPOSAL OF MUD PIT CONTENTS: Air dried & filled with dirt

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE Agent OF THE Town Oil COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE	SIGNATURE
1-20-11	Roberta Tacon

INSTRUCTIONS: ATTACH DRILLERS LOG OR OTHER ACCEPTABLE LOG OF WELL.

* SHOW ALL IMPORTANT ZONES OF POROSITY, DETAIL OF ALL CORES, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

Dunmire 6W

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
soil/clay	0	5	
lime	23	28	winterset
shale/slate	6	34	
lime	21	55	bethany falls
shale/slate	6	61	
lime	1	62	KC
shale	3	65	
lime	6	71	hertha
shale	3	74	
lime	4	78	hertha
shale	23	101	
lime	1	102	
shale	122	224	
limey sand	4	228	no show or odor
limey sand	10	238	brown/slight show and odor
limey sand	3	241	no show or odor
shale	30	271 TD	

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Mo Oil & Gas Council

CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE Invoice # 236285

Invoice Date: 08/31/2010 Terms: 0/30,n/30 Page 1

TOWN OIL COMPANY
16205 W. 287 STREET
PAOLA KS 66071
(785)294-2125

DUMIRE 6-W
27122
NE 3-43-33 CASS
08/25/2010
MO

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Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	40.00	9.8400	393.60
1118B	PREMIUM GEL / BENTONITE	169.00	.2000	33.80
4401	2" RUBBER PLUG	1.00	23.0000	23.00

	Description	Hours	Unit Price	Total
368	CEMENT PUMP	1.00	925.00	925.00
368	EQUIPMENT MILEAGE (ONE WAY)	.00	3.65	.00
368	CASING FOOTAGE	260.00	.00	.00
548	TON MILEAGE DELIVERY	86.10	1.20	103.32

Parts:	450.40	Freight:	.00	Tax:	35.13	AR	1513.85
Labor:	.00	Misc:	.00	Total:	1513.85		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

Cass County, MO

Map features are representations of original data sources and do not replace or modify land surveys, deeds, or other legal instruments defining land ownership or use.

Townships
Sections
Roads
Railroads
Parcels
Corporate Limits

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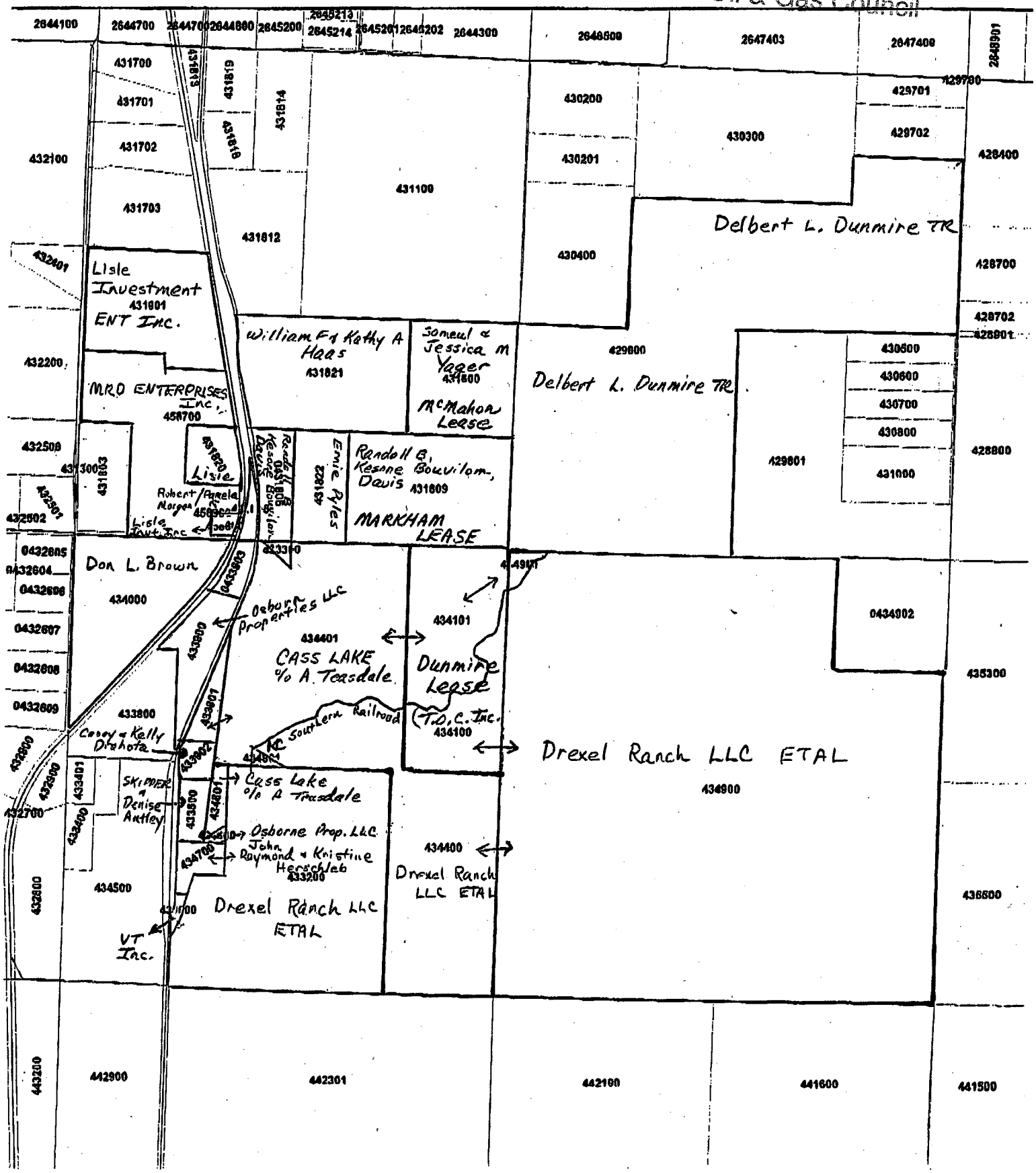
#20941



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Mo Oil & Gas Council

AFFIDAVIT OF PUBLICATION

(Space above for recording information)

STATE OF MISSOURI
COUNTY OF CASS ss.

I, Janis Anslinger, being duly sworn according to law, state that I am the Classified Ad Manager of the Cass County Democrat-Missourian, a weekly newspaper of general circulation in the County of Cass, State of Missouri, where located; which newspaper has been admitted to the Post Office as periodical class matter in the City of Harrisonville, Missouri, the city of publication; which newspaper has been published regularly and consecutively for a period of three years and has a list of bonafide subscribers, voluntarily engaged as such who have paid or agreed to pay a stated price for a subscription for a definite period of time, and that such newspaper has complied with the provisions of Section 493.050, Revised Statutes of Missouri 2000, and Section 59.310, Revised Statutes of Missouri 2000. The affixed notice appeared in said newspaper in the following consecutive issues:

1st Insertion: Vol. 129 No. 22, 20 day of Mar 2009.

2nd Insertion: Vol. _____ No. _____, _____ day of _____ 20____.

3rd Insertion: Vol. _____ No. _____, _____ day of _____ 20____.

4th Insertion: Vol. _____ No. _____, _____ day of _____ 20____.

5th Insertion: Vol. _____ No. _____, _____ day of _____ 20____.

Janis Anslinger
Janis Anslinger, Classified Ad Manager

Subscribed and sworn to before me on this 20 day of March, 2009.

Dora E. Nation

DORA E. NATION
Notary Public-Notary Seal
State of Missouri, Cass County
Commission # 05460477
My Commission Expires May 5, 2009

BEFORE THE STATE OIL & GAS COUNCIL OF THE STATE OF MISSOURI
NOTICE OF FILING APPLICATION

Town Oil Company, Inc.
16205 West 287th St.
Paola, Kansas 66071

Town Oil Company, Inc. has applied for injection of salt water into the following wells: Dunmire 4W, 763' from North Line and 1135' from East Line; Dunmire 5W, 763' from North Line and 771' from East Line; Dunmire 6W, 763' from North Line and 407' from East Line to be drilled to an approximate depth of 300 feet, and all located in Section 8, Township 43W, Range 33W in Cass County, Missouri.

Written comments or request for additional information regarding such wells should be directed, within fifteen (15) days of this notice, to:

State Geologist
Missouri Oil & Gas Council
P.O. Box 250
Rolla, MO 65402

22-1tc

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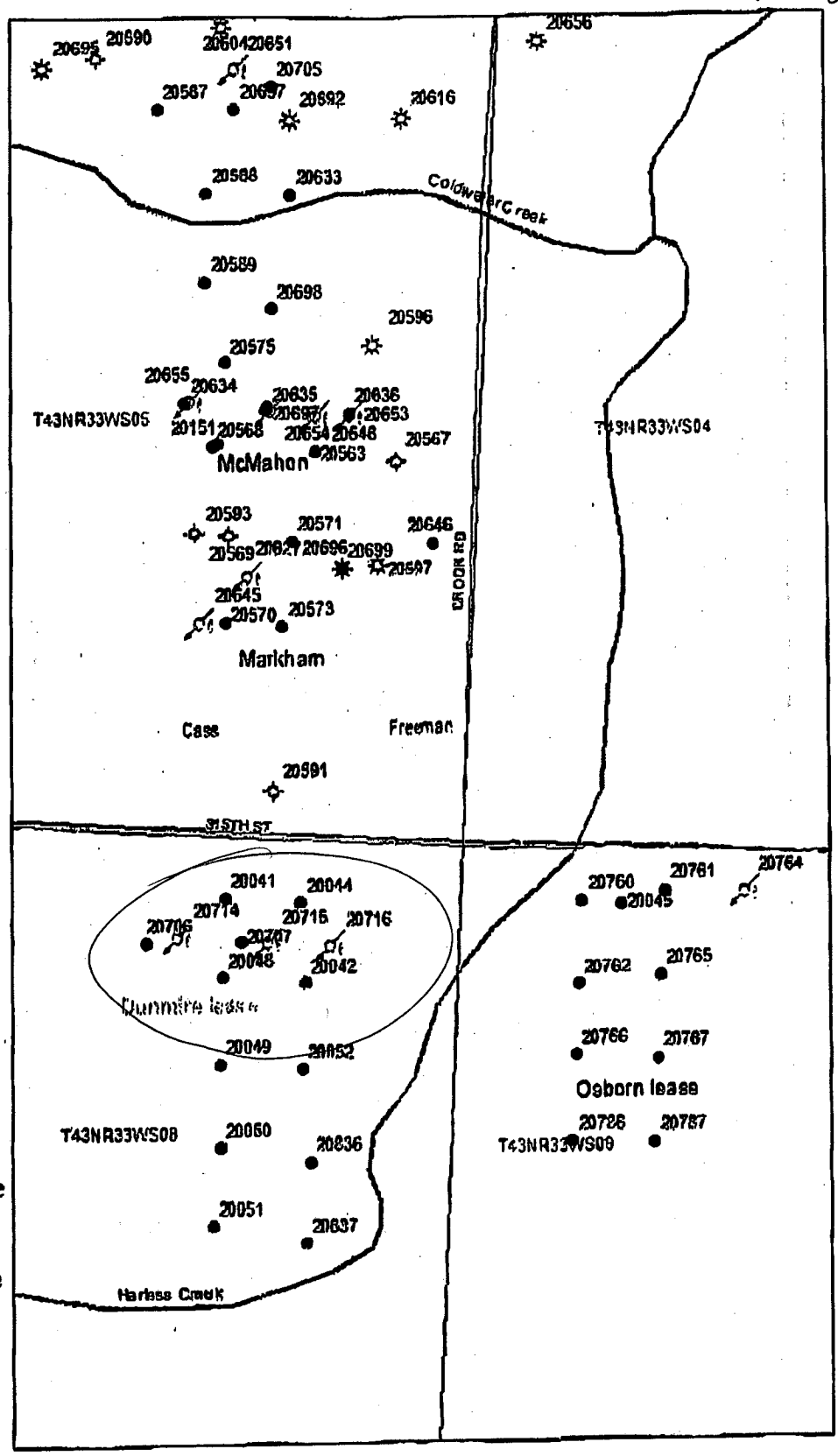

Legend

Oil and Gas Wells

- Cancelled
- Oil well
- Gas well-Commercial
- Gas well-coalbed methane
- Injection well-Class 2
- Injection well-Gas Storage
- Injection well-Liquid Gas
- Stratigraphic Test
- Private Gas well
- Water Well
- Observation Well
- Dry Hole
- Confidential well

N

0 212.6425 850 1,275 1,700 Feet

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Mc Oil & Gas Council

#20041

AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL

INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (½ mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPUDDED	DATE COMPLETED	CONSTRUCTION
McMahon	1	1488 FROM (N)(S) SEC. LINE 660 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	300'	1	6-11-93	8-10-93	4½ @ 295' AC
McMahon	1-G	1950 FROM (N)(S) SEC. LINE 420 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	490'	8	10-3-96	10-17-96	4½ @ 450' Perfs 344.5-349.5 AC
McMahon	1-W	1660 FROM (N)(S) SEC. LINE 1185 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	322'	4	9-27-97	9-29-97	4½ @ 317' Perfs 274-284 SI Shut In w/cement @ 305'
McMahon	10	1045 FROM (N)(S) SEC. LINE 537 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.		1	8-7-00		CA
McMahon	2W	1640 FROM (N)(S) SEC. LINE 860 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	301'	4	8-22-97	8-26-97	4½ @ 291' Perfs 250-264 AC
McMahon	3	1488 FROM (N)(S) SEC. LINE 1080 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	325'	1	8-5-93	8-29-93	4½ @ 315' AC
McMahon	3-W	1650 FROM (N)(S) SEC. LINE 530 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	270'	4	9-3-97	9-5-97	4½ @ 254' Perfs 237-247 AC
McMahon	4	1820 FROM (N)(S) SEC. LINE 1050 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	305'	1	3-18-94	6-15-94	4½ @ 285' Perfs 243-253 AC
McMahon	5	2470 FROM (N)(S) SEC. LINE 1150 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	280'	1	7-19-95	8-20-95	4½ @ 278' Perfs 211-226.5 AC

MO 780-1138 (9-01)

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#20941

AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL

INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (½ mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPUDDED	DATE COMPLETED	CONSTRUCTION	
McMahon	6	2130 FROM (N)(S) SEC. LINE 1155 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	300'	1	7-28-95	10-11-95	4½ @ 294' Perfs 251-261	AC
McMahon	7	1635 FROM (N)(S) SEC. LINE 670 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	290'	4	9-19-97	9-11-97	4½ @ 270' Perfs 236-248	SI
McMahon	8	1656 FROM (N)(S) SEC. LINE 865 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	—	1	Date Approved 8-7-00	—		CA
McMahon	9	2055 FROM (N)(S) SEC. LINE 870 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	—	1	Date Approved 8-7-00	—		CA
Markham	1-G	1075 FROM (N)(S) SEC. LINE 390 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	490'	2	9-27-95	10-17-96	4½ @ 463'	SI GW
Markham	11	1045 FROM (N)(S) SEC. LINE 537 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	—	2	Date Approved 8-7-00	—		CA
Markham	3	1150 FROM (N)(S) SEC. LINE 747 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	315'	1	10-3-93	10-15-93	4½ @ 303'	AC
Markham	4	1820 FROM (N)(S) SEC. LINE 770 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	300'	1	3-20-94	6-17-94	4½ @ 290'	AC
Markham	7	1000 FROM (N)(S) SEC. LINE 915 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	385'	4	9-10-96	11-24-96	4½ @ 305' Perfs 273-283	AC

MO 780-1138 (8-01)

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#20841

AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL

INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (½ mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPUDDED	DATE COMPLETED	CONSTRUCTION	
Markham	8	800 FROM (N)(S) SEC. LINE 1100 FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc	502'	4	10-6-97	10-24-97	4½ @ 333' Perfs 288-296	SI
Markham	9	? FROM (N)(S) SEC. LINE ? FROM (E)(W) SEC. LINE SEC. 5 T. 43 N.R. 33W	Town Oil Company, Inc.	282'	1	10-21-97	10-24-97	4½ @ 267' Perfs 252-260	AC
Osborn	2-9	234 FROM (N)(S) SEC. LINE 570 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	460'	1	9-8-06	9-9-06	?	PA
Osborn	17-9	1155 FROM (N)(S) SEC. LINE 825 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	269'	1	10-24-06	10-25-06	?	PA
Osborn	16-9	1155 FROM (N)(S) SEC. LINE 495 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	293'	1	10-25-06	10-26-06	?	PA
Osborn	13-9	825 FROM (N)(S) SEC. LINE 825 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	300'	1	8-30-06	11-25-06	4½ @ 283.4' Perfs 238-254	AC
Osborn	12-9	825 FROM (N)(S) SEC. LINE 495 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	?	1	9-17-06	9-18-06	9-18-06	PA
Osborn	9-9	495 FROM (N)(S) SEC. LINE 825 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	300'	1	8-8-06	8-11-06	IP 10 BBL/24 HR.	AC
Osborn	7-9	165 FROM (N)(S) SEC. LINE 1155 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	390'	4	8-9-06	11-14-06	IP 800 EP 800 Perfs 273-283	AC

MO 783-1136 (9-01)

#20841

AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL

INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (½ mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPUDDED	DATE COMPLETED	CONSTRUCTION
Osborn	5-9	550 FROM (N)(S) SEC. LINE 495 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	440'	I	8-31-06	9-1-06	8-16-07 PA
Osborn	4-9	165 FROM (N)(S) SEC. LINE 825 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	500'	I	6-15-06	6-27-06	4½ @ 379' Perfs 252-262 AC
Osborn	3-9	220 FROM (N)(S) SEC. LINE 495 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	300'	I	8-7-06	8-7-06	8-11-06 PA
Osborn	1-9	365 FROM (N)(S) SEC. LINE 240 FROM (E)(W) SEC. LINE SEC. 9 T. 43 N.R. 33W	Osborn Energy LLC	776'	3	5-10-02	10-15-06	4½ @ 535.5 Temp Capped 2003 AC Un 2006
		____ FROM (N)(S) SEC. LINE ____ FROM (E)(W) SEC. LINE SEC. ____ T. ____ N.R. ____						
		____ FROM (N)(S) SEC. LINE ____ FROM (E)(W) SEC. LINE SEC. ____ T. ____ N.R. ____						
		____ FROM (N)(S) SEC. LINE ____ FROM (E)(W) SEC. LINE SEC. ____ T. ____ N.R. ____						
		____ FROM (N)(S) SEC. LINE ____ FROM (E)(W) SEC. LINE SEC. ____ T. ____ N.R. ____						
		____ FROM (N)(S) SEC. LINE ____ FROM (E)(W) SEC. LINE SEC. ____ T. ____ N.R. ____						

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MO 780-1938 (9-01)

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER
LOCATION Ottawa KS
FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

Missouri

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/25/10	7823	Dunmire # 6W	NE 3	43N	33W	Cass

CUSTOMER: Town Oil Co

MAILING ADDRESS: 16205 W 287th

CITY: Paola | STATE: KS | ZIP CODE: 66071

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred	Safety Mtg	
368	Ken	KH	
548	Cecil	CHP	

JOB TYPE Longstring HOLE SIZE 5 7/8 HOLE DEPTH 270 CASING SIZE & WEIGHT 2 3/8 EUE
CASING DEPTH 260 DRILL PIPE Pin TUBING 254' OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 2" Plug
DISPLACEMENT 1 BBL DISPLACEMENT PSI MIX PSI RATE 3 BPM

REMARKS: Establish circulation Mix + Pump 100# Premium Gel Flush. Mix + Pump 41 sks 50/50 Poz Mix Cement 2% Gel. Cement to Surface. Flush pump + lines clean. Displace 2" Rubber plug to Pin in casing w/ 1 BBL Fresh Water. Pressure to 700# PSI. Hold pressure for 30 min. MIT. Shut in Casing

Customer Supplied Water

Fred Mader

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ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		925.00
5406	-0-	MILEAGE Truck on lease		N/C
5407	260'	Casing footage		N/C
5407A	86.1	Ton Miles		103.32
1124	40 sks	50/50 Poz Mix Cement		393.60
1118B	169#	Premium Gel		33.80
4401	1	2" Rubber Plug		23.00
		WO# 236285		
		7.8%	SALES TAX	35.13
			ESTIMATED TOTAL	1513.85

Ravin 3737

AUTHORIZTION Winston Town TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

FORM OGC-12

INJECTION WELL MONITORING REPORT

INSTRUCTIONS ▸ RECORD INJECTION RATE AND INJECTION PRESSURE AT LEAST MONTHLY WITH THE RESULTS SUBMITTED ANNUALLY.

COUNTY	PERMIT NUMBER	OPERATOR	WELL NUMBER
CASS	20841	TOWN OIL COMPANY	DUNMIRE 6-W

MONTH	INJECTION RATE - bpd/gpm	INJECTION PRESSURE - psig	DATE MEASUREMENT TAKEN	REMARKS
(01) JAN.	10	220	12-31-10	
(02) FEB.	10	220	12-31-10	
(03) MARCH	10	220	12-31-10	
(04) APRIL	10	220	12-31-10	
(05) MAY	10	220	12-31-10	
(06) JUNE	10	220	12-31-10	
(07) JULY	10	220	12-31-10	
(08) AUG.	10	220	12-31-10	
(09) SEPT.	10	220	12-31-10	
(10) OCT.	10	220	12-31-10	
(11) NOV.	10	220	12-31-10	
(12) DEC.	10	220	12-31-10	

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MO 780-0208 (8-06)

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